

Abstract of the Disclosure

The present invention delivers both voice and real-time communications over telephony infrastructure. The telephony infrastructure will effectively couple a DSL server in a local telephony exchange to

5 telephony terminals and DSL modems at any number of user locations. Each DSL modem will be coupled to a computing device, such as a personal computer, that is capable of facilitating real-time communications. The DSL server is directly or indirectly coupled to a packet network. In addition to being coupled to the DSL server, telephony cabling at the local telephony

10 exchange is also coupled to a telephony switch to support circuit-switched voice communications. As such, circuit-switched voice sessions may be established via the telephony switch with the telephony terminal over the same telephony cabling. Real-time communications may be provided over the telephony cabling using DSL service between the DSL modem and the

15 DSL server.